# ViewSonic®

## PJ260D
## DLP Projector

- User Guide
- Guide de l'utilisateur
- Bedienungsanleitung
- Guía del usuario
- Guida dell'utente
- Guia do usuário
- Användarhandbok
- Käyttöopas
- Руководство пользователя
- 使用手冊 (繁體)
- 使用手册 (简体)

IMPORTANT: Please read this User Guide to obtain important information on installing and using your product in a safe manner, as well as registering your product for future service. Warranty information contained in this User Guide will describe your limited coverage from ViewSonic Corporation, which is also found on our web site at http://www.viewsonic.com in English, or in specific languages using the Regional selection box in the upper right corner of our website.
"Antes de operar su equipo lea cuidadosamente las instrucciones en este manual"

**Model No. : VS11935**

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# Compliance Information

## FCC Statement

This device complies with part 15 of FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Warning:** You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

## For Canada

- This Class B digital apparatus complies with Canadian ICES-003.
- Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

## CE Conformity for European Countries

CE The device complies with the requirements of the EEC directive 89/336/EEC, 2004/108/EEC as amended by 92/31/EEC and 93/68/EEC Art.5 with regard to “Electromagnetic compatibility”, and 73/23/EEC as amended by 93/68/EEC Art.13 with regard to “Safety.”

## Following information is only for EU-member states:

The mark shown to the right is in compliance with the Waste Electrical and Electronic Equipment Directive 2002/96/EC (WEEE).
The mark indicates the requirement NOT to dispose the equipment as unsorted municipal waste, but use the return and collection systems according to local law.

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# Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this unit near water.
6. Clean with a soft, dry cloth. If still not clean, see “Cleaning the Display” in this guide for further instructions.
7. Do not block any ventilation openings. Install the unit in accordance with the manufacturer’s instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade and the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs. Convenience receptacles and the point where they exit from the unit. Be sure that the power outlet is located near the unit so that it is easily accessible.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the unit. When a cart is used, use caution when moving the cart/unit combination to avoid injury from tipping over.
13. Unplug this unit when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the unit has been damaged in any way, such as: if the power-supply cord or plug is damaged, if liquid is spilled onto or objects fall into the unit, if the unit is exposed to rain or moisture, or if the unit does not operate normally or has been dropped.

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# Declaration of RoHS Compliance

This product has been designed and manufactured in compliance with Directive 2002/95/EC of the European Parliament and the Council on restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS Directive) and is deemed to comply with the maximum concentration values issued by the European Technical Adaptation Committee (TAC) as shown below:

| Substance | Proposed Maximum Concentration | Actual Concentration |
|---|---|---|
| Lead (Pb) | 0.1% | < 0.1% |
| Mercury (Hg) | 0.1% | < 0.1% |
| Cadmium (Cd) | 0.01% | < 0.01% |
| Hexavalent Chromium ($Cr^{6+}$) | 0.1% | < 0.1% |
| Polybrominated biphenyls (PBB) | 0.1% | < 0.1% |
| Polybrominated diphenyl ethers (PBDE) | 0.1% | < 0.1% |

Certain components of products as stated above are exempted under the Annex of the RoHS Directives as noted below:

Examples of exempted components are:

1. Mercury in compact fluorescent lamps not exceeding 5 mg per lamp and in other lamps not specifically mentioned in the Annex of RoHS Directive.
2. Lead in glass of cathode ray tubes, electronic components, fluorescent tubes, and electronic ceramic parts (e.g. piezoelectronic devices).
3. Lead in high temperature type solders (i.e. lead-based alloys containing 85% by weight or more lead).
4. Lead as an allotting element in steel containing up to 0.35% lead by weight, aluminium containing up to 0.4% lead by weight and as a cooper alloy containing up to 4% lead by weight.

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# Product Registration

To meet your future needs, and to receive any additional product information as it becomes available, please register your product on the Internet at: www.viewsonic.com. The ViewSonic® Wizard CD-ROM also provides an opportunity for you to print the registration form, which you may mail or fax to ViewSonic.

## For Your Records

| | |
|---|---|
| **Product Name:** | **PJ260D**<br>**ViewSonic DLP Projector** |
| **Model Number:** | **VS11935** |
| **Document Number:** | **PJ260D_UG_ENG Rev. 1B 11-21-07** |
| **Serial Number:** | _____ |
| **Purchase Date:** | _____ |

The lamp in this product contains mercury.
Please dispose of in accordance with local, state or federal laws.

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# CONTENTS


**Introduction ..... 1**

Projector Features ..... 1
Package Contents ..... 2
Projector Overview ..... 3

**Using the Product ..... 5**

Control Panel ..... 5
Connection Ports ..... 6
Remote Control ..... 7
Replacing the Battery ..... 8
Remote Control Operation ..... 9

**Installation ..... 10**

Connecting the Projector ..... 10
Powering On/Off the Projector ..... 11
Adjusting the Projector ..... 12

**Menu Operation ..... 14**

**Maintenance ..... 18**

Cleaning the Lens ..... 18
Cleaning the Projector Housing ..... 18
Replacing the Lamp ..... 19

**Specifications ..... 21**

**Appendix ..... 22**

LED Indicator Messages ..... 22
Compatibility Modes ..... 23
Troubleshooting ..... 24
Customer Support ..... 25
Limited Warranty ..... 26
Mexico Limited Warranty ..... 28





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# Introduction

## Projector Features

The projector integrates high-performance optical engine projection and a user - friendly design to deliver high reliability and ease of use.
The projector offers the following features:

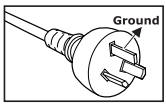
- Single chip 0.55" Texas Instruments DLP® technology
- XGA (1024 x 768 pixels)
- Auto image re-sizing (Auto-Sync.) to 1024 x 768 full screen with scaling compression compatibility for VGA, SVGA, XGA and SXGA*
- Compatibility with Macintosh® computers
- Compatibility with NTSC, PAL, SECAM and HDTV
- D-Sub 15-pin terminal for analog video connectivity
- User-friendly, multi-language on-screen display
- Advanced electronic keystone correction

NOTE

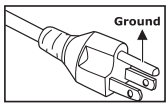
** means compressed.*

## Notes on the AC Power Cord

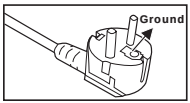
AC Power Cord must meet the requirement of countries where you use this projector. Please confirm your AC plug type with the graphics below and ensure that the proper AC Power Cord is used. If the supplied AC Power Cord does not match your AC outlet, please contact your sales dealer. This projector is equipped with a grounding type AC line plug. Please ensure that your outlet fits the plug. Do not defeat the safety purpose of this grounding type plug. We highly recommend using a video source device also equipped with a grounding type AC line plug to prevent signal interference due to voltage fluctuations.



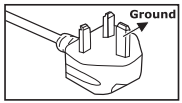

For Australia and Mainland China




For the U.S.A. and Canada




For Continental Europe




For the U.K.



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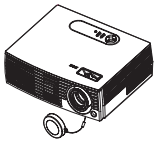
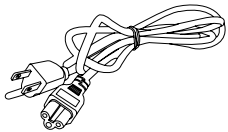
## Package Contents

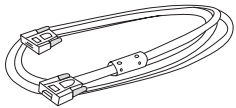
When you unpack the projector, make sure you have all these components:



Projector with Lens Cap



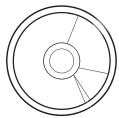
AC Power Cord



VGA Cable (D-SUB to D-SUB)

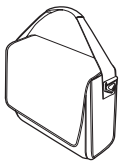
Remote Control (IR)

AAA size batteries
for remote control



CD-Wizard

Quick Start Guide



Projector Carrying Case

NOTE

- *Save the original shipping carton and packing material; they will comein handy if you ever to ship your unit. For maximum protection, repack your unit as it was originally packed at the factory.*
- *Accessories and components may vary by retailer and region.*



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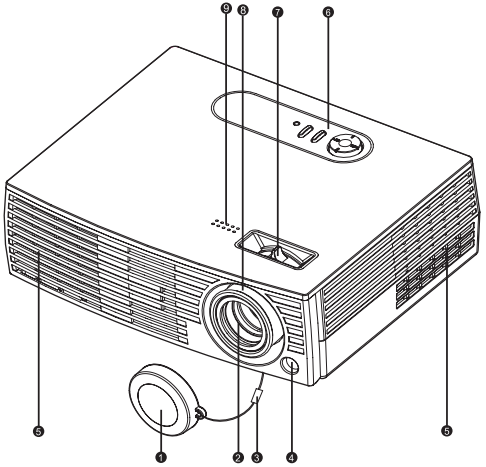
# Projector Overview

## Front View




1. Lens cap
2. Projection lens
3. Lens cap strap
4. Front IR remote control sensor
5. Ventilation holes
6. Control panel
7. Zoom ring
8. Focus ring
9. Speaker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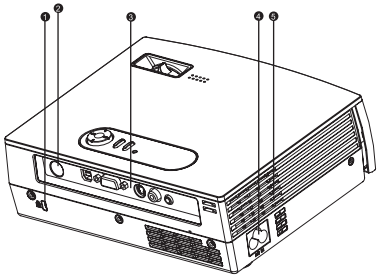
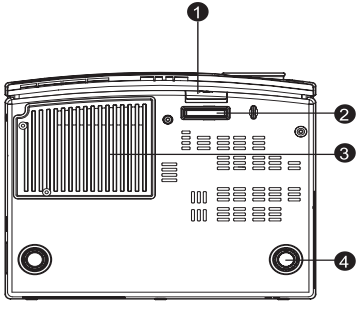
## Rear View



1. Kensington lock
2. Rear IR remote control sensor
3. Connection ports
4. AC power socket
5. Ventilation holes

## Bottom View



1. Elevator button
2. Elevator foot
3. Lamp cover
4. Tilt-adjustment foot



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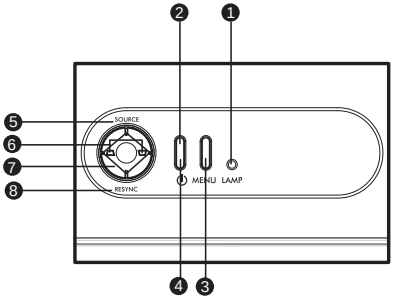
# Using the Product

## Control Panel

### LED




❶ **Lamp LED indicator**
Refer to “LED Indicator Messages”.

❷ **Power LED indicator**
Refer to “LED Indicator Messages”.

### Button Function

❸ **MENU**
Display or exit the on screen display menus.

❹ ⏻
Turn the projector on or off.

❺ **SOURCE**
Manually select an input source.

❻ **Keystone**
Correct the keystone distortion.

❼ **Four directional buttons**
Use four directional buttons to select items or make adjustments to your selection.

❽ **RESYNC**
Resynchronize the projector to the input signal from a computer. This function is available for computer mode only.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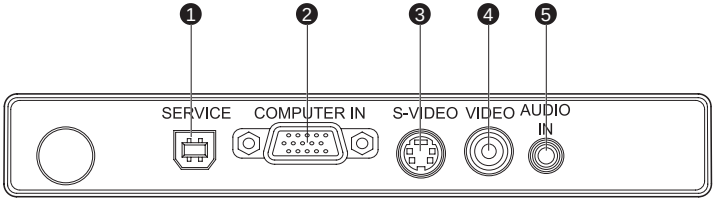
# Connection Ports




1. **SERVICE**
   Firmware update.
2. **COMPUTER IN**
   Input analog RGB signal from a computer or other source, or a component video signal ($Y/P_B/P_R$) from video equipment.
3. **S-VIDEO**
   Input S-video signals from video equipment.
4. **VIDEO**
   Input video signals from video equipment.
5. **AUDIO IN**
   Input audio signals.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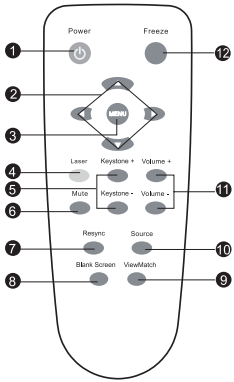
# Remote Control




1. **Power**
   Turn the projector on or off.
2. **Four directional buttons**
   Use four directional buttons to select items or make adjustments to your selection.
3. **MENU**
   Display or exit the on-screen display menus.
4. **Laser**
   Aim the remote at the viewing screen, press and hold this button to activate the laser pointer.
5. **Keystone + / -**
   Correct the keystone distortion.
6. **Mute**
   Cut off the sound temporarily. Press again to cancel the Mute function.
7. **Resync**
   Resynchronize the projector to the input signal from a computer. This function is available for computer mode only.
8. **Blank Screen**
   Cut off the screen temporarily. Press again to cancel the Blank Screen function.
9. **ViewMatch**
   Switch the white peaking.
10. **Source**
    Manually select an input source.
11. **Volume + / -**
    Adjust the volume level.
12. **Freeze**
    Press "Freeze" to pause the screen image. Press again to cancel the Freeze function.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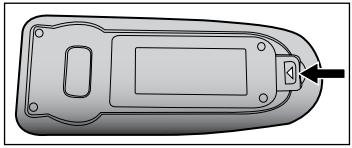
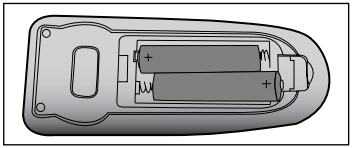
# Installing the Batteries

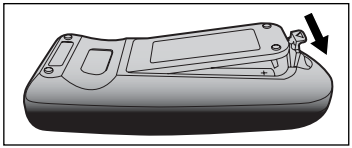
1. Open the battery cover in the direction shown.



2. Install batteries as indicated by the diagram inside the compartment.



3. Close the battery cover into position.



NOTE

- *Keep the batteries out of the reach of children. There is a danger of death by accidentally swallowing the batteries.*
- *Remove batteries from remote control when not using for extended periods.*
- *Do not dispose of the used batteries along with household waste. Dispose of used batteries according to local regulations.*
- *Danger of explosion may happen if batteries are incorrectly replaced. Replce all the batteries with new ones.*



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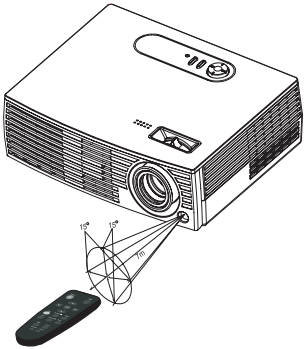
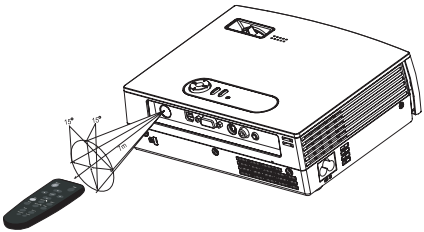
# Remote Control Operation

Point the remote control at the infrared remote sensor and press a button.

- Operating the projector from the front



- Operating the projector from the rear



NOTE

- *Do not point the laser directly to the people's eyes (especially small children). There is a danger of injury to the eyes.*
- *The remote control may not operate when there is sunlight or other strong light such as a fluorescent lamp shining on the remote sensor.*
- *Operate the remote control from a position where the remote sensor is visible.*
- *Do not drop the remote control or jolt it.*
- *Keep the remote control out of locations with excessively high temperature or humidity.*
- *Do not get water on the remote control or place wet objects on it.*
- *Do not disassemble the remote control.*



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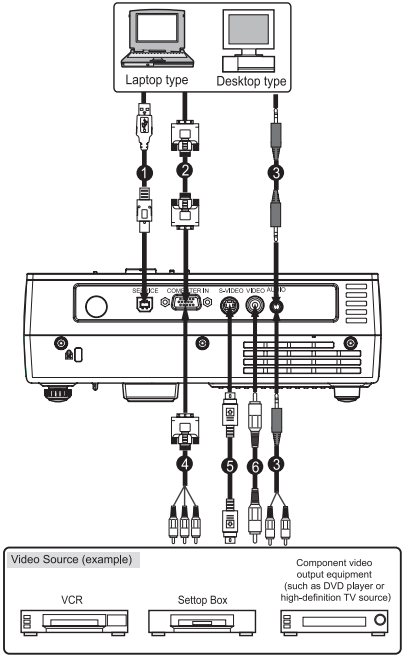
# Installation

## Connecting the Projector

1. USB Cable
2. VGA Cable (D-Sub to D-Sub)
3. Audio Cable
4. VGA (D-SUB) to HDTV (RCA) Cable
5. S-Video Cable
6. Composite Video Cable




NOTE

- *When connecting cable, power cords of both a projector and external equipment should be disconnected from AC outlet.*
- *The figure above is a sample connection. This does not mean that all of these devices can or must be connected simultaneously.*
- *The cables that come with the projector may differ from the above illustration. The included cables are based on actual shipment delivery.*



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# Powering On/Off the Projector

## Powering On the Projector:

1. Remove the projector lens cap.
2. Complete the AC power cord and peripheral signal cable(s) connections.
3. Press ⏻ button to turn on the projector.
   The projector takes a minute or so to warm up.
4. Turn on your source (computer, notebook, DVD, etc.). The projector automatically detects your source.
   - If you are connecting multiple sources to the projector simultaneously, press the **SOURCE** button on the control panel or the **Source** button on the remote control.

Warning:

- Remove the lens cap first before powering on.
- Never look into the lens when the lamp is on. This can damage your eyes. It is especially important that children are not allowed to look into the lens.

## Powering Off the Projector:

1. Press ⏻ button to turn off the projector lamp. You will see a message "Power off? Press Power again" appear on the screen.
2. Press ⏻ button again to confirm.
   - The cooling fans continue to operate for cooling cycle and the Lamp LED will keep flashing.
   - When the Power LED begins flashing, the projector has entered stand-by mode.
   - If you want to turn the projector back on, you must wait until the projector has completed the cooling cycle and has entered stand-by mode. Once in stand-by mode, simply press ⏻ button to restart the projector.
3. Disconnect the AC power cord from the electrical outlet and the projector.
4. Do not turn on the projector immediately following a power off procedure.


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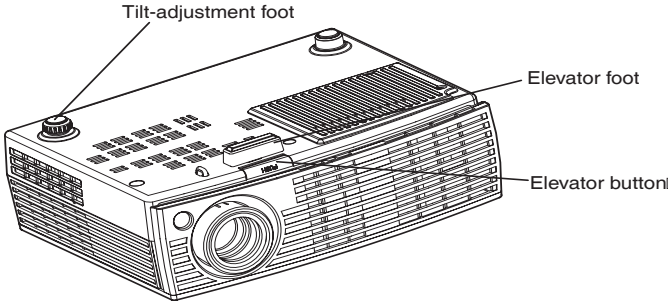
# Adjusting the Projector

## Adjusting the Projector Height



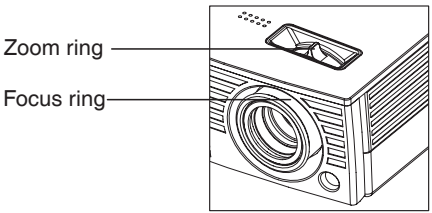

The projector is equipped with an elevator foot to adjust the image height.
To raise or lower the image:

1. To raise or lower the image, press the elevator button and raise or lower the front of the projector. Release the button to lock the adjustment.
2. To level the image on the screen, turn the tilt-adjustment foot to fine-tune the height.

NOTE

■ *To avoid damaging the projector, make sure that the elevator foot and tilt-adjustment foot are fully retracted before placing the projector in its carrying case.*

## Adjusting the Projector Zoom and Focus




1. Focus the image by rotating the focus ring. A still image is recommended for focusing.
2. Adjust the image by sliding the zoom ring.



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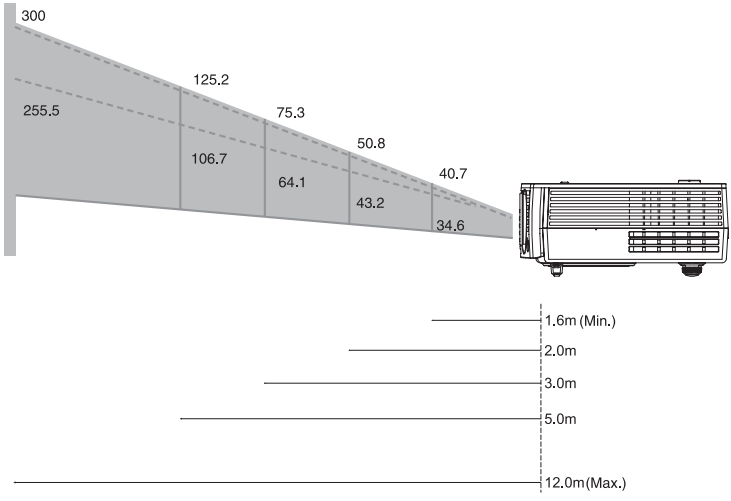
## Adjusting Projection Image Size

Refer to the graphic and table below to determine the screen size and projection distance.




| Projection Distance (meters) | Screen Size (for 4:3 aspect ratio diagonal length) | |
|---|---|---|
| | Wide (inches) | Tele (inches) |
| 1.6 | 40.7 | 34.6 |
| 2 | 50.8 | 43.2 |
| 3 | 75.3 | 64.1 |
| 5 | 125.2 | 106.7 |
| 10 | 250 | 213.0 |
| 12 | 300 | 255.5 |

NOTE

- *Position the projector in a horizontal position; other positions can cause heat build-up and damage to the projector.*
- *Make sure the heat ventilation holes are not blocked.*
- *Do not use the projector in a smoky environment. Smoke residue may cause build-up on critical parts (i.e. DMD, lens assembly, etc.)*



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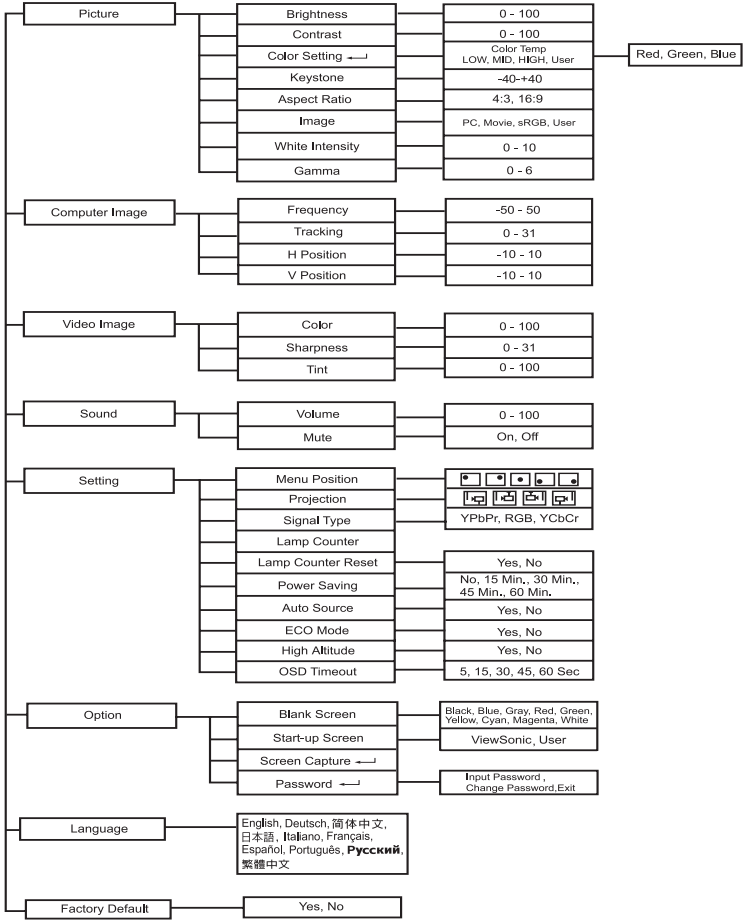
# Menu Operation

The projector has multilingual on-screen display menus that allow you to make image adjustments and change a variety of settings.



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## How to operate

1. Press the **MENU** button to open the OSD menu.
2. When OSD is displayed, use ▲ / ▼ to select any feature in the main menu.
3. After selecting the desired main menu feature, press ▶ to enter sub-menu for feature setting.
4. Adjust the settings with ◀ / ▶.
5. Press the **MENU** button, the screen will return to the main menu.
6. To exit OSD, press the **MENU** button again. The OSD menu will close and the projector will automatically save the new settings.

## Picture (Computer / Video Mode)

**Brightness**
Brighten or darken the image.

**Contrast**
Set the difference between light and dark areas.

**Color Setting**
Adjust the color temperature. At higher temperature the screen looks colder; at lower temperature, the screen looks warmer. If you select “User”, “Red”, “Green” and “Blue” cab be adjusted.

**Keystone**
Correct the keystone distortion.

**Aspect Ratio**
Select how the picture fits on the screen:

- 4:3 :The input source will be scaled to fit the projection screen.
- 16:9 :The input source will be scaled to fit the width of the screen.

**Image**
There are many factory presets optimized for various types of images.

- PC : For computer or notebook.
- Movie : For home theater.
- sRGB : For PC standard color.
- User : Memorize user’s settings.

**White Intensity**
Increase the brightness of white areas.

**Gamma**
Effect the represent of dark scenery. With greater gamma value, dark scenery will look brighter.


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## Computer Image (Computer Mode)

**Frequency**
Adjust the timing of the projector relative to the computer.

**Tracking**
Adjust the phase of the projector relative to the computer.

**H Position (Horizontal Position)**
Adjust the image left or right within the projection area.

**V Position (Vertical Position)**
Adjust the image up or down within the projection area.

## Video Image (Video Mode)

**Color**
Adjust the intensity of colors.

**Sharpness**
Sharpen or soften the image.

**Tint**
Shift colors toward red or green.

## Sound (Computer / Video Mode)

**Volume**
Adjust the volume level.

**Mute**
Cut off the sound temporarily.

## Setting (Computer / Video Mode)

**Menu Position**
Choose the menu location on the display screen.

**Projection**
Adjust the picture to match the orientation of the projector: upright or upside-down, in front of or behind the screen. Invert or reverse the image accordingly.

**Signal Type**
Specify the signal source that you wish to project.

- YPbPr: For composite video cable.
- RGB: For VGA cable.
- YCbCr: For S-Video cable.


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**Lamp Counter**
Display the lamp's elapsed operating time (in hours).

**Lamp Counter Reset**
Reset the lamp counter to 0 hours.

**Power Saving**
If no operation is performed for a specific period of time, the power to the projector is automatically turned off.

**Auto Source**
Automatically scan the input source.

**ECO Mode**
Use this function to dim the projector lamp light output which will lower power consumption and increase lamp life.

**High Altitude**
Turning on High Altitude mode operates the fans at full speed continuously to allow for proper high altitude cooling of the projector.

**OSD Timeout**
Duration OSD menu stays active (at idle state by second).

### Option (Computer / Video Mode)

**Blank Screen**

Blank the screen temporarily, and select the screen color when this function is active.

**Start-up Screen**
Select start-up screen when the projector is powered on or when no signal is input. "User" is the screen that you captured.

**Screen Capture**
Capture the current projection screen as a start-up screen.

**Password**
Set or change the password. When the password function is added, image projection requires an entry of the preset password at power-on.

### Language (Computer / Video Mode)
Select the language used by the on-screen menu.

### Factory Default (Computer / Video Mode)
Restore all menu settings to factory default settings.


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# Maintenance

The projector needs proper maintenance. You should keep the lens clean as dust, dirt or spots will project on the screen and diminish image quality. If any other parts need replacing, contact your dealer or qualified service personnel. When cleaning any part of the projector, always switch off and unplug the projector first.

Warning:
Never open any of the covers on the projector. Dangerous electrical voltages inside the projector can cause severe injury. Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

## Cleaning the Lens

Gently wipe the lens with lens cleaning paper. Do not touch the lens with your hands.

## Cleaning the Projector Housing

Gently wipe with a soft cloth. If dirt and stains are not easily removed, use a soft cloth damped with water, or water and neutral detergent, and wipe dry with a soft, dry cloth.

- *Turn off the projector and remove the AC power cord from the power outlet before beginning maintenance work.*
- *Make sure the lens is cool before cleaning.*
- *Do not use detergents or chemicals other than those noted above. Do not use benzene or thinners.*
- *Do not use chemical sprays.*
- *Use a soft cloth or lens paper only.*


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## Replacing the Lamp

As the projector operates over time, the brightness of the projector lamp gradually decreases and the lamp becomes more susceptible to breakage. We recommend replacing the lamp if a warning message is displayed. Do not attempt to replace the lamp yourself. Contact the qualified service personnel for replacement.

- *The lamp becomes high temperature after turning off the projector with the power button. If you touch the lamp, you may scald your finger. When you replace the lamp, wait for at least 45 minutes for the lamp to cool down.*
- *Do not touch the lamp glass at any time. The lamp may explode due to improper handling, including the touching of the lamp glass.*
- *Lamp lifetime may differ from lamp to lamp and according to the environment of use. There is no guarantee of the same lifetime for each lamp. Some lamps may fail or terminate their lifetime in a shorter period of time than other similar lamps.*
- *A lamp may explode as a result of vibration, shock or degradation as a result of hours of use as its lifetime draws to an end. Risk of explosion may differ according to the environment or conditions in which the projector and lamp are being used.*
- *Wear protective gloves and eyeglasses when fixing or detaching the lamp.*
- *Faster on-off-cycles will damage the lamp and reduce lamp life. Wait at least for 5 minutes to turn off the projector after powering on.*
- *Do not operate the lamp in proximity to paper, cloth, or other combustible material nor cover it with such materials. Otherwise it could cause a fire.*
- *Do not operate the lamp in an atmosphere containing an inflammable substance, such as thinner. Otherwise it could cause a fire or explosion.*
- *Thoroughly ventilate the area or the room when operating the lamp in an oxygen atmosphere (in the air). If ozone is inhaled, it could cause headaches, nausea, dizziness, etc.*
- *The inorganic mercury is involved in the lamp. If the lamp bursts, the mercury inside the lamp will go out of the projector. Leave the area immediately if the lamp shatters while being operated and ventilate the area for at least 30 minutes in order to avoid the inhalation of mercury fumes. Otherwise it could be harmful to user's health.*


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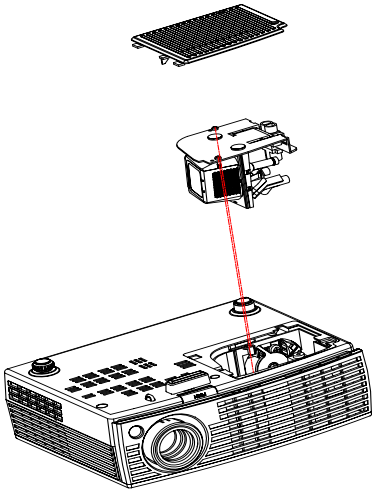
1. Turn off the projector.
2. Unplug the power cord.
3. Place a protective sheet (cloth) beneath the projector. Turn the projector over so you can access the lamp cover.
4. Loosen the screw in the lamp cover and remove the cover.
5. Remove the screws from the lamp module, raise the handle, and lift out the module.
6. Insert the new lamp module into the projector and tighten the screws.
7. Replace the lamp cover and tighten the screw.
8. Turn on the projector. If the lamp does not turn on after the warm-up period, try reinstalling the lamp.
9. Reset the lamp hour. Refer to the “Setting (Computer / Video Mode)” menu.



NOTE

- *Dispose of the used lamp according to local regulations.*
- *Ensure that screws are tightened properly. Screws not tightened fully may result in injury or accidents.*
- *Since the lamp is made of glass, do not drop the unit and do not scratch the glass.*
- *Do not reuse the old lamp. This could cause the lamp to explode.*
- *Be sure to turn off the projector and unplug the AC power cord before replacing the lamp.*
- *Do not use the projector with the lamp cover removed.*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# Specifications

| | |
|---|---|
| Display Type | Single 0.55" DLP panel |
| Resolution (Pixels) | XGA (1024 x 768) |
| Brightness | 2000 ANSI Lumens |
| Lens | Manual Zoom (1.17x) |
| Contrast Ratio | 2000:1 |
| Screen Size | 35” – 300” |
| Lamp | 200W |
| I/O Connectors | AC power input socket x 1, VGA In x 1, S-Video x 1, Composite In x 1, Audio In x 1 (3.5mm phone jack), USB x 1 (firmware upgrade only) |
| Video Compatibility | NTSC, NTSC 4.43<br>PAL, PAL-N, PAL M,<br>SECAM,<br>HDTV (480P, 576P, 720P, 1080i)<br>Composite video and S-video |
| Scanning Frequency<br>Horizontal Freq.<br>Vertical Freq. | <br>15 - 100 KHz<br>43 - 120 Hz |
| Audio | 1 x 2W |
| Noise Level | Normal: 36dBA; ECO: 34dBA |
| Environment | Operating:<br>Temperature: 5°C to 35°C<br>Humidity: 80% maximum<br>Storage:<br>Temperature: -20°C to 60°C<br>Humidity: 80% maximum |
| Power Requirement | AC 100 - 240 V, 50 / 60 Hz |
| Power Consumption | 260 W |
| Dimension | 210 x 65 x 165 mm |
| Weight | 1.3 kg (2.9 lbs) |

Note: Design and Specifications are subject to change without prior notice.



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# Appendix

## LED Indicator Messages

| LED Type | Color | Status | Meaning |
|---|---|---|---|
| Power LED<br>Lamp LED | Green<br>Off | Flash<br>- | The projector is in standby mode. |
| Power LED<br>Lamp LED | Green<br>Red | Solid<br>Solid | The projector system has some problems with its fan, so the projector cannot start up. |
| Power LED<br>Lamp LED | Green<br>Off | Solid<br>- | The lamp is in good condition and is projecting at maximum brightness. |
| Power LED<br>Lamp LED | Amber<br>Red | Solid<br>Solid | The lamp has reached its end of life and must be changed soon. The lamp will continue to operate until it fails. Change the lamp. If the lamp is off, then the ballast will become malfunction. |
| Power LED<br>Lamp LED | Amber<br>Off | Solid<br>- | The projector is shutting the fan motor is cooling the lamp for Shutdown. Do not unplug the power cable or turn the power switch off before the Power LED Change to Flashing. The fan motor will turn off when the lamp has cooled. |
| Power LED<br>Lamp LED | Green<br>Red | Solid<br>Flash | Temperature is too high. The lamp will turn off. The fan motor is cooling the lamp. |
| Power LED<br>Lamp LED | Amber<br>Red | Solid<br>Flash | The lamp ignition failed. If temperature is too high, the fans will be cooling the lamp. |


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# Compatibility Modes

## Computer:

| Compatibility | Resolution | H-Sync [KHz] | V-Sync [Hz] |
|---|---|---|---|
| VGA | 640 x 480 | 31.5 | 59.9 |
| | | 37.9 | 72.8 |
| | | 37.5 | 75.0 |
| | | 43.3 | 85.0 |
| SVGA | 800 x 600 | 35.2 | 56.3 |
| | | 37.9 | 60.3 |
| | | 48.1 | 72.2 |
| | | 46.9 | 75.0 |
| | | 53.7 | 85.1 |
| XGA | 1024 x 768 | 48.4 | 60.0 |
| | | 56.5 | 70.1 |
| | | 60.0 | 75.0 |
| | | 68.7 | 85.0 |
| SXGA | 1152 x 864 | 64.0 | 70.0 |
| | | 67.5 | 75.0 |
| | 1280 x 960 | 60.0 | 60.0 |
| | | 75.0 | 75.0 |
| | 1280 x 1024 | 64.0 | 60.0 |

## Video:

| Signal | Horizontal Frequency (kHz) | Vertical Frequency (Hz) |
|---|---|---|
| 480i | 15.8 kHz | 60 Hz |
| 480p | 31.5 kHz | 60 Hz |
| 576i | 15.6 kHz | 50 Hz |
| 576p | 31.3 kHz | 50 Hz |
| 720p | 45.0 kHz | 60 Hz |
| 720p | 37.5 kHz | 50 Hz |
| 1080i | 33.8 kHz | 60 Hz |
| 1080i | 28.1 kHz | 50 Hz |


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# Troubleshooting

Refer to the symptoms and measures listed below before sending the projector forrepairs. If the problem persists, contact your local reseller or service center. Please refer to "Indicator Messages" as well.

## Start-up problems

If no lights turn on:

- Be sure that the power cord is securely connected to the projector and the other end is plugged into an outlet with power.
- Press the power button again.
- Unplug the power cord and wait for a short while, then plug it in and press the power button again.

## Image problems

If the searching source is displayed:

- Press the **SOURCE** button on the control panel or the **Source** button on the remote control one or more times to select another active input source.
- Be sure the external source is turned on and connected.
- For a computer connection, ensure your notebook computer's external video port is turned on. Refer to the computer manual.

If the image is out of focus:

- Be sure the lens cover is open.
- While displaying the on-screen menu, adjust the focus ring. (The image size should not change; if it does, you are adjusting the zoom, not the focus.)
- Check the projection lens to see if it needs cleaning.

If the image is flickering or unstable for a computer connection:

- Press the **RESYNC** button on the control panel or the **Resync** button on the remote control.
- Press the **MENU** button, go to ***Computer Image*** and adjust ***Frequency*** or ***Tracking***.

### Remote control problems

If the remote control does not operate:

- Be sure nothing is blocking the remote control receiver on the front or back of the projector. Use the remote control within the effective range.
- Aim the remote control at the screen or at the front or back of the projector.
- Move the remote control so it is more directly in front of or behind the projector and not as far to the side.


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# Customer Support

For technical support or product service, see the table below or contact your reseller.

**Note :** You will need the product serial number.

| Country/Region | Web Site | T=Telephone<br>F=Fax | E-mail |
|---|---|---|---|
| Australia/New Zealand | www.viewsonic.com.au | AUS=1800 880 818<br>NZ=0800 008 822 | service@au.viewsonic.com |
| Canada | www.viewsonic.com | T= 1-866-463-4775<br>F= 1-909-468-5814 | service.ca@viewsonic.com |
| Europe/Middle East/Baltic countries/North Africa | www.viewsoniceurope.com | Contact your reseller | |
| Hong Kong | www.hk.viewsonic.com | T= 852 3102 2900 | service@hk.viewsonic.com |
| India | www.in.viewsonic.com | T= 1800 11 9999 | service@in.viewsonic.com |
| Korea | www.kr.viewsonic.com | T= 080 265 9080 | service@kr.viewsonic.com |
| Latin America (Argentina) | www.viewsonic.com/la/ | T= 0800-666-0098<br>F= 1-909-444-5655 | soporte@viewsonic.com |
| Latin America (Brazil) | www.viewsonic.com/la/ | T= 0800-891-1829<br>F= 1-909-444-5655 | soporte@viewsonic.com |
| Latin America (Chile) | www.viewsonic.com/la/ | T= 800-440303<br>F= 1-909-444-5655 | soporte@viewsonic.com |
| Latin America (Columbia) | www.viewsonic.com/la/ | T= 01800-9-156588<br>F= 1-909-444-5655 | soporte@viewsonic.com |
| Latin America (Mexico) | www.viewsonic.com/la/ | T= 001-866-823-2004<br>F= 1-909-444-5655 | soporte@viewsonic.com |
| Renta y Datos, 29 SUR 721, COL. LA PAZ, 72160 PUEBLA, PUE. Tel: 01.222.891.55.77 CON 10 LINEAS<br>Electroser, Av Reforma No. 403Gx39 y 41, 97000 Merida, Yucatan. Tel: 01.999.925.19.16<br>Other places please refer to http://www.viewsonic.com/la/soporte/index.htm#Mexico | | | |
| Latin America (Peru) | www.viewsonic.com/la/ | T= 0800-53311<br>F= 1-909-444-5655 | soporte@viewsonic.com |
| Macau | www.hk.viewsonic.com | T= 853 700 303 | service@hk.viewsonic.com |
| Puerto Rico & Virgin Islands | www.viewsonic.com | T= 1-800-688-6688 (English)<br>T= 1-866-379-1304 (Spanish)<br>F= 1-909-468-1202 | service.us@viewsonic.com<br>soporte@viewsonic.com |
| Singapore/Malaysia/Thailand | www.ap.viewsonic.com | T= 65 6461 6044 | service@sg.viewsonic.com |
| South Africa | www.viewsoniceurope.com | www.viewsoniceurope.com/uk/Support/Calldesk.htm | |
| United Kingdom | www.viewsoniceurope.com/uk/ | www.viewsoniceurope.com/uk/Support/Calldesk.htm | |
| United States | www.viewsonic.com | T= 1-800-688-6688<br>F= 1-909-468-1202 | service.us@viewsonic.com |

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# Limited Warranty

## VIEWSONIC® PROJECTOR

### What the warranty covers:

ViewSonic warrants its products to be free from defects in material and workmanship, under normal use, during the warranty period. If a product proves to be defective in material or workmanship during the warranty period, ViewSonic will, at its sole option, repair or replace the product with a like product. Replacement product or parts may include remanufactured or refurbished parts or components.

### How long the warranty is effective:

***North and South America:*** 3 years for all parts excluding the lamp, 3 years for labor, 1 year for the original lamp from the date of the first consumer purchase.
***Europe:*** 3 years for all parts excluding the lamp, 3 years for labor, 1 year for the original lamp from the date of the first consumer purchase.
***Other regions or countries:*** Please check with your local dealer or local ViewSonic office for the warranty information.

Lamp warranty subject to terms and conditions, verification and approval. Applies to manufacturer's installed lamp only.
All accessory lamps purchased separately are warranted for 90 days.

### Who the warranty protects:

This warranty is valid only for the first consumer purchaser.

### What the warranty does not cover:

1. Any product on which the serial number has been defaced, modified or removed.
2. Damage, deterioration or malfunction resulting from:
    a. Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
    b. Repair or attempted repair by anyone not authorized by ViewSonic.
    c. Any damage of the product due to shipment.
    d. Removal or installation of the product.
    e. Causes external to the product, such as electric power fluctuations or failure.
    f. Use of supplies or parts not meeting ViewSonic's specifications.
    g. Normal wear and tear.
    h. Any other cause which does not relate to a product defect.
3. Any product exhibiting a condition commonly known as "image burn-in" which results when a static image is displayed on the product for an extended period of time.
4. Removal, installation, and set-up service charges.

### How to get service:

1. For information about receiving service under warranty, contact ViewSonic Customer Support (please refer to "Customer Support" page). You will need to provide your product's serial number.
2. To obtain warranted service, you will be required to provide (a) the original dated sales slip, (b) your name, (c) your address, (d) a description of the problem, and (e) the serial number of the product.
3. Take or ship the product freight prepaid in the original container to an authorized ViewSonic service center or ViewSonic.
4. For additional information or the name of the nearest ViewSonic service center, contact ViewSonic.

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**Limitation of implied warranties:**
There are no warranties, express or implied, which extend beyond the description contained herein including the implied warranty of merchantability and fitness for a particular purpose.

**Exclusion of damages:**
ViewSonic's liability is limited to the cost of repair or replacement of the product. ViewSonic shall not be liable for:

1. Damage to other property caused by any defects in the product, damages based upon inconvenience, loss of use of the product, loss of time, loss of profits, loss of business opportunity, loss of goodwill, interference with business relationships, or other commercial loss, even if advised of the possibility of such damages.
2. Any other damages, whether incidental, consequential or otherwise.
3. Any claim against the customer by any other party.

**Effect of state law:**
This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on implied warranties and/or do not allow the exclusion of incidental or consequential damages, so the above limitations and exclusions may not apply to you.

**Sales outside the U.S.A. and Canada:**
For warranty information and service on ViewSonic products sold outside of the U.S.A. and Canada, contact ViewSonic or your local ViewSonic dealer.
The warranty period for this product in mainland China (Hong Kong, Macao and Taiwan Excluded) is subject to the terms and conditions of the Maintenance Guarantee Card.
For users in Europe and Russia, full details of warranty provided can be found in www.viewsoniceurope.com under Support/Warranty Information.


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# Mexico Limited Warranty

## VIEWSONIC® PROJECTOR

**What the warranty covers:**

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**How long the warranty is effective:**

3 years for all parts excluding the lamp, 3 years for labor, 1 year for the original lamp from the date of the first consumer purchase.

Lamp warranty subject to terms and conditions, verification and approval. Applies to manufacturer's installed lamp only. All accessory lamps purchased separately are warranted for 90 days.

**Who the warranty protects:**

This warranty is valid only for the first consumer purchaser.

**What the warranty does not cover:**

1. Any product on which the serial number has been defaced, modified or removed.
2. Damage, deterioration or malfunction resulting from:
   a. Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, unauthorized attempted repair, or failure to follow instructions supplied with the product.
   b. Any damage of the product due to shipment.
   c. Causes external to the product, such as electrical power fluctuations or failure.
   d. Use of supplies or parts not meeting ViewSonic's specifications.
   e. Normal wear and tear.
   f. Any other cause which does not relate to a product defect.
3. Any product exhibiting a condition commonly known as "image burn-in" which results when a static image is displayed on the product for an extended period of time.
4. Removal, installation, insurance, and set-up service charges.

**How to get service:**

For information about receiving service under warranty, contact ViewSonic Customer Support (Please refer to the attached Customer Support page). You will need to provide your product's serial number, so please record the product information in the space provided below on your purchase for your future use. Please retain your receipt of proof of purchase to support your warranty claim.

For Your Records

Product Name: _____ Model Number: _____

Document Number: _____ Serial Number: _____

Purchase Date: _____ Extended Warranty Purchase? _____(Y/N)

If so, what date does warranty expire? _____

1. To obtain warranty service, you will be required to provide (a) the original dated sales slip, (b) your name, (c) your address, (d) a description of the problem, and (e) the serial number of the product.
2. Take or ship the product in the original container packaging to an authorized ViewSonic service center.
3. Round trip transportation costs for in-warranty products will be paid by ViewSonic.

**Limitation of implied warranties:**

There are no warranties, express or implied, which extend beyond the description contained herein including the implied warranty of merchantability and fitness for a particular purpose.

**Exclusion of damages:**

ViewSonic's liability is limited to the cost of repair or replacement of the product. ViewSonic shall not be liable for:

1. Damage to other property caused by any defects in the product, damages based upon inconvenience, loss of use of the product, loss of time, loss of profits, loss of business opportunity, loss of goodwill, interference with business relationships, or other commercial loss, even if advised of the possibility of such damages.
2. Any other damages, whether incidental, consequential or otherwise.
3. Any claim against the customer by any other party.
4. Repair or attempted repair by anyone not authorized by ViewSonic.

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| Contact Information for Sales & Authorized Service (Centro Autorizado de Servicio) within Mexico: | |
|---|---|
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